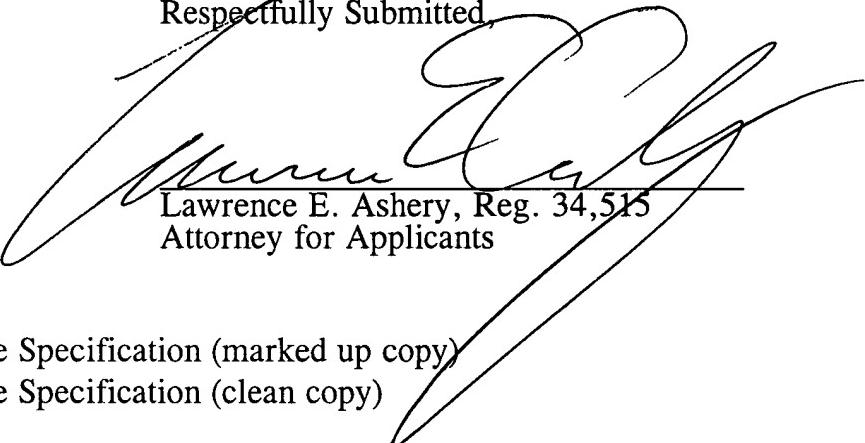


IN THE ABSTRACT:

Please delete the abstract in its entirety and substitute therefore the abstract attached herewith.

Respectfully Submitted,


Lawrence E. Ashery, Reg. 34,515
Attorney for Applicants

LEA/ap

Enclosures: Substitute Specification (marked up copy)
Substitute Specification (clean copy)
Abstract

Dated: December 10, 1999

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David Colvin

ABSTRACT

A MODEM can shorten the processing time of an interface disposed between a data terminal equipment (DTE) and the MODEM. The MODEM stores an object program of a procedure in a memory and switches an operational mode of the MODEM automatically corresponding to the prescribed procedure thereby executing the procedure corresponding to the current operational mode. The MODEM further comprises a timer which monitors the transits time between a completed procedure and the next procedure, and the MODEM starts the process of a specified operational mode based on a mode-setting-instruction of the procedure as well as monitoring the transitions time by using the timer, and executing a next specified operational mode when the timer times out, thereby allowing the MODEM to perform the various operational mode switches.

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